

Converting Colors

Yxy(61.4937, 0.3377, 0.3684)

Have a look what the booklet for
Yxy(61.4937, 0.3377, 0.3684)
contains.

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Color

Yxy(61.7231, 0.3379, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	D1D0AE
RGB	209, 208, 174
RGB Percent	82%, 82%, 68%
CMY	0.1804, 0.1843, 0.3177
CMYK	0.00, 0.00, 0.17, 0.18
HSL	58°, 28%, 75%
HSV	58°, 17%, 82%
XYZ	56.4903, 61.7231, 48.9672
YIQ	204.4230, 11.5100, -10.3620

Conversions

Conversions Part 2

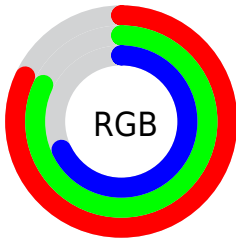
Format	Color
RYB	175, 209, 174
Decimal	13750446
CIELab	82.77, -5.33, 17.06
CIELCh	83, 17.869, 107.351
Yxy	61.7231, 0.3379, 0.3692
Android (android.graphics.Color)	4291940526 (0xFFD1D0AE)
YUV	204.4230, -14.9985, 4.0140
Hunter-Lab	78.5641, -9.1392, 18.0407

Details

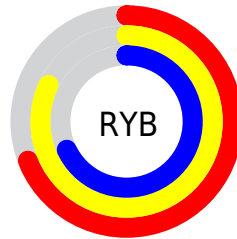
The Yxy color **61.7231, 0.3379, 0.3692** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.2523, 0.2856, 0.2854**, and the grayscale version is **60.7577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **31.3864, 0.3431, 0.3793** is the 20% darker color. If you saturate the color by 10%, you get **60.6811, 0.3533, 0.3936**, and if you desaturate by 10%, it is **62.8985, 0.3227, 0.3450**.

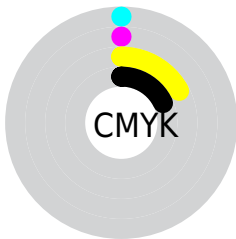
Distribution



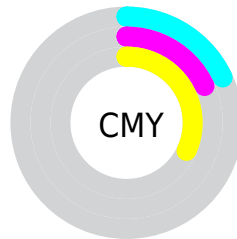
- Red (82%)
- Green (82%)
- Blue (68%)



- Red (69%)
- Yellow (82%)
- Blue (68%)



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7231, 0.3379, 0.3692 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 61.7231, 0.3379, 0.3692 by changing the saturation by 10% instead.

■ 61.7231, 0.3379,
0.3692

■ 61.7231, 0.3379,
0.3692

430.9203, 0.3260,
0.3498

■ 44.8090, 0.3407,
0.3738

■ 107.3252, 0.3337,
0.3623

■ 31.3070, 0.3441,
0.3796

136.7821, 0.3321,
0.3597

■ 20.8327, 0.3484,
0.3871

171.1886, 0.3308,
0.3575

■ 13.0018, 0.3541,
0.3971

210.9292, 0.3296,
0.3555

■ 7.4298, 0.3619,
0.4113

256.3882, 0.3285,
0.3538

■ 3.7323, 0.3730,
0.4325

307.9502, 0.3276,

■ 1.5250, 0.4044,

0.3523

0.4854

365.9994, 0.3268,
0.3510

0.3062, 0.3445,
0.6555

0.0000, 0.0000,
0.0000

61.7231, 0.3379,
0.3692

61.7231, 0.3379,
0.3692

60.6811, 0.3533,
0.3936

62.8985, 0.3227,
0.3450

59.7585, 0.3684,
0.4175

64.2046, 0.3081,
0.3215

58.9517, 0.3827,
0.4398

65.6493, 0.2942,
0.2993

58.2537, 0.3956,
0.4596

67.0701, 0.2829,
0.2811

■ 57.6571, 0.4064,
0.4760

■ 67.3677, 0.2830,
0.2818

■ 57.1532, 0.4147,
0.4884

■ 67.6664, 0.2830,
0.2825

■ 56.7319, 0.4205,
0.4964

■ 67.9663, 0.2830,
0.2831

■ 56.3801, 0.4237,
0.5004

■ 68.2672, 0.2831,
0.2838

■ 56.2734, 0.4244,
0.5012

■ 68.5693, 0.2831,
0.2845

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.7231, 0.3534, 0.3617



61.7231, 0.3379, 0.3692



61.7231, 0.3160, 0.3652

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.7231, 0.3379, 0.3692



61.7231, 0.2697, 0.3094



61.7231, 0.3311, 0.3089

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61.7231, 0.3379, 0.3692



44.2523, 0.2856, 0.2854

Split Complementary

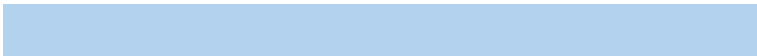
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.7231, 0.3081, 0.2959



61.7231, 0.3379, 0.3692



61.7231, 0.2733, 0.2956

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.7231, 0.3379, 0.3692



61.7231, 0.2770, 0.3295



61.7231, 0.2871, 0.2910



61.7231, 0.3496, 0.3269

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7231, 0.3379, 0.3692



61.7231, 0.3008, 0.3563



61.7231, 0.2871, 0.2910



61.7231, 0.3236, 0.3038

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61.7258, 0.3379, 0.3692



98.9725, 0.3201, 0.3409



46.9201, 0.3434, 0.3277



21.1542, 0.3212, 0.3426



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.7258, 0.3379, 0.3692



96.2090, 0.3432, 0.3777



59.9539, 0.3248, 0.3720



13.7369, 0.3267, 0.3513



34.7188, 0.4244, 0.5013



1.9600, 0.4234, 0.5020

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.2523, 0.2856, 0.2854



63.9424, 0.2793, 0.2752



45.8555, 0.2989, 0.2858



11.4713, 0.2982, 0.3057



2.9432, 0.1506, 0.0620



0.1841, 0.1524, 0.0685

Previews

White Background



This preview shows how the Yxy color 61.7231, 0.3379, 0.3692 looks on a white background.

Color Contrast Check

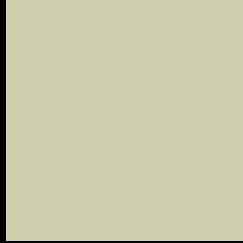
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 61.7231, 0.3379, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

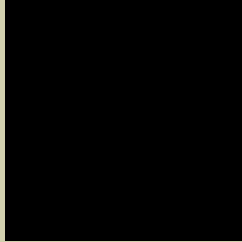
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

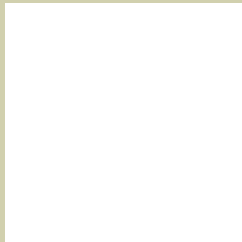
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7231, 0.3379, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 61.7231, 0.3379, 0.3692.



This preview shows how white text looks on a background with the Yxy color 61.7231, 0.3379, 0.3692.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61.7231, 0.3379, 0.3692

Protanopia

61.4315, 0.3457, 0.3662

Deuteranopia

61.3556, 0.3607, 0.3534



Tritanopia

61.7501, 0.3113, 0.3110

Trichromacy



Original Color

61.7231, 0.3379, 0.3692

Protanomaly

61.4559, 0.3430, 0.3676

Deuteranomaly

61.5050, 0.3522, 0.3597

Tritanomaly

61.5961, 0.3211, 0.3313

Monochromacy



Original Color

61.7231, 0.3379, 0.3692

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6347, 0.3221, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7231, 0.3379, 0.3692 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(209, 208, 174)` looks like.

```
.text, #text, p{  
    color:rgb(209, 208, 174)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(209, 208, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 208, 174) }
```

Border

The CSS property to change the border of an element to Yxy 61.7231, 0.3379, 0.3692 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 208, 174) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(209, 208, 174) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(209, 208, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 208, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 208, 174); box-shadow:4px 4px 4px 4px rgb(209, 208, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7231, 0.3379, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 208, 174) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(209,  
208, 174) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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